

WHAT IS CLAIMED IS:

1. A magnetic door stop, comprising:
  - a first magnet, wherein said first magnet is mounted on a door;
  - a second magnet, wherein said second magnet is mounted on a structure opposing the door; and
  - a switching means to allow a user to selectively orient one of said first magnet or said second magnet between a first position of repulsion between said first magnet and said second magnet and a second position of attraction between said first magnet and said second magnet, wherein said switching means is a magnet holder comprising a bottom and two opposing sidewalls extending from the bottom.
2. The magnetic door stop of claim 1, wherein said magnet holder is mounted on the door and said first magnet may be manually placed between the two opposing sidewalls.
3. The magnetic door stop of claim 1; wherein said magnet holder is mounted on the structure opposing the door and said second magnet may be manually placed between the two opposing sidewalls.
4. A magnetic door stop, comprising:
  - a door at least partially formed from magnetic material; and
  - a magnet, wherein said magnet is mounted on a structure opposing the door and said magnet is configured to allow a user to selectively orient said magnet between a first position to repel the door and a second position to attract the door.
5. A magnetic door latch, comprising:
  - a first magnet, wherein said first magnet is mounted on a door;

a second magnet, wherein said second magnet is mounted on a doorframe;  
and

switching means to allow a user to selectively orient one of said first magnet or said second magnet between a first position of repulsion between said first magnet and said second magnet and a second position of attraction between said first magnet and said second magnet.

6. The magnetic door latch of claim 5, wherein said first magnet and second magnet are of sufficient strength to diminish force of the door slamming against the doorframe in the first position of repulsion between said first magnet and said second magnet.

7. The magnetic door latch of claim 5, wherein said first magnet and second magnet are of sufficient strength to hold the door closed in the second position of attraction between said first magnet and said second magnet.

8. The magnetic door latch of claim 5, wherein said first magnet is a permanent magnet.

9. The magnetic door latch of claim 5, wherein said second magnet is a permanent magnet.

10. The magnetic door latch of claim 5, wherein said first magnet is a electromagnet.

11. The magnetic door latch of claim 5, wherein said second magnet is a electromagnet.

12. The magnetic door latch of claim 5, wherein said switching means is a knob assembly attached to said first magnet such that said first magnet may freely

rotate between said first and second positions when the user turns said knob assembly.